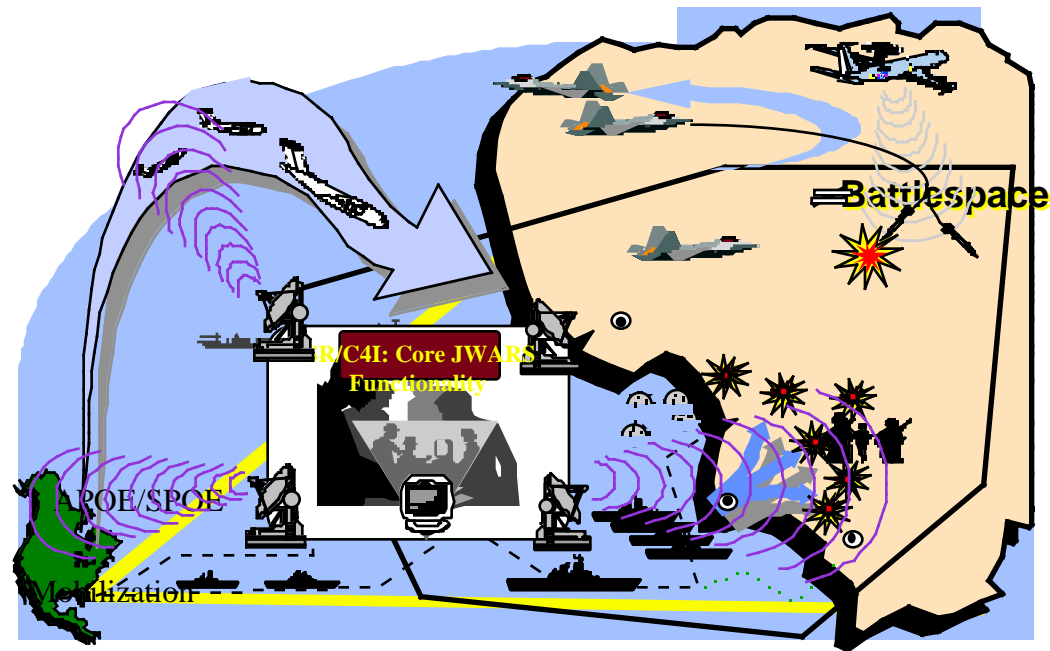


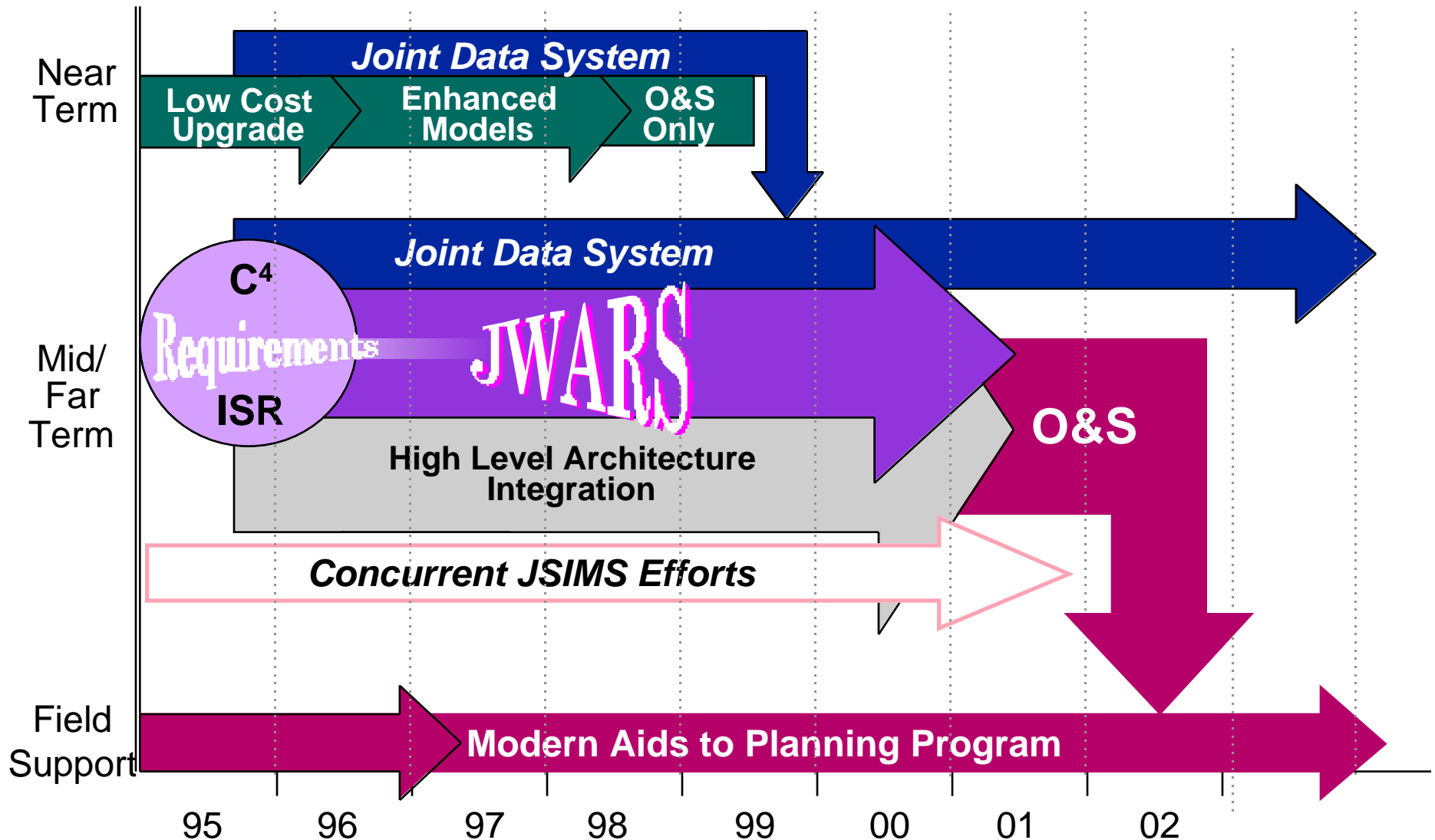
Joint Analytic Model Improvement Program



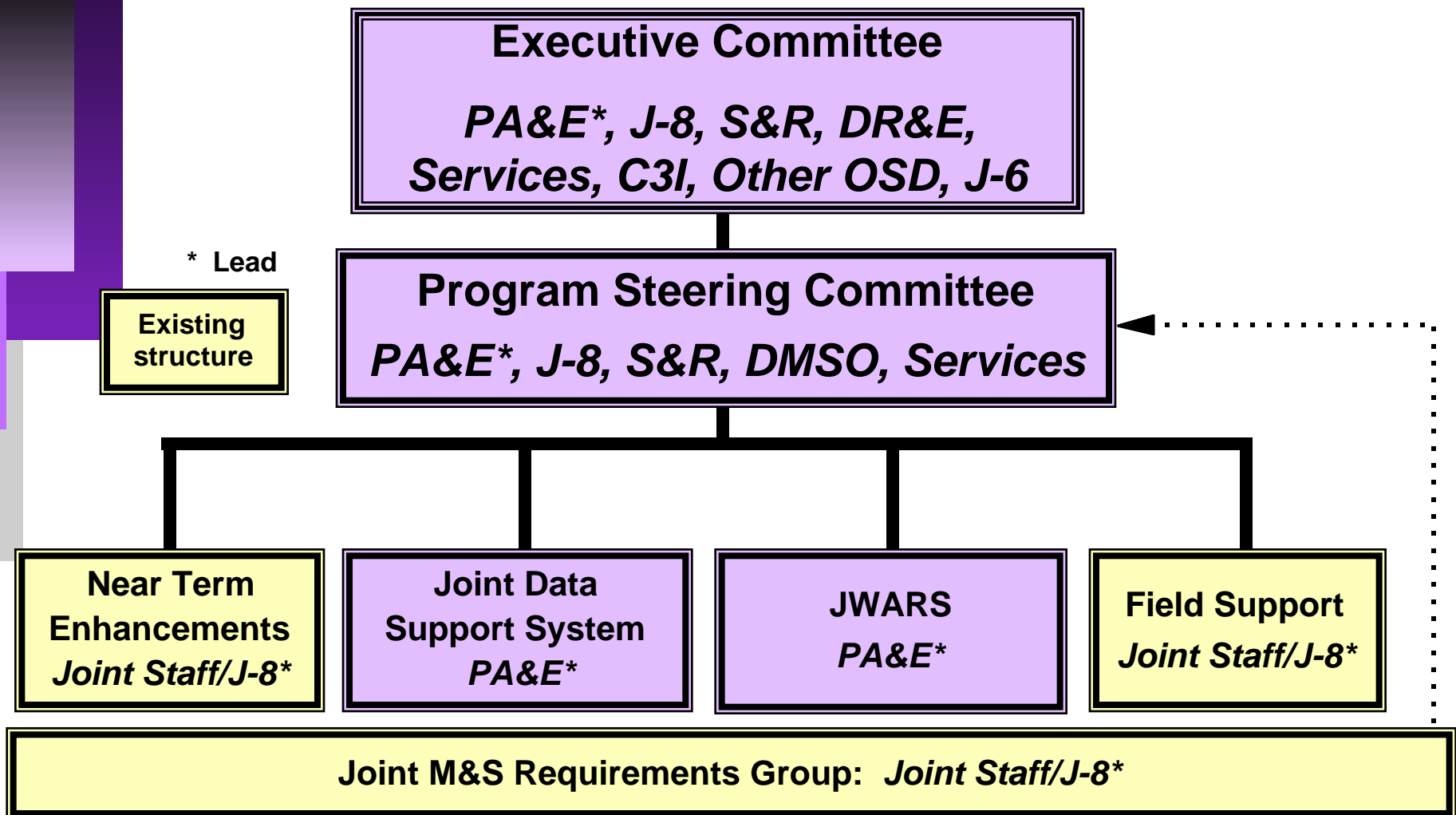
DMSO Industry Day Presentation
May 22, 1997

Mr. James Johnson
Director Theater Assessment and Planning
Program Analysis and Evaluation
Office of the Secretary of Defense

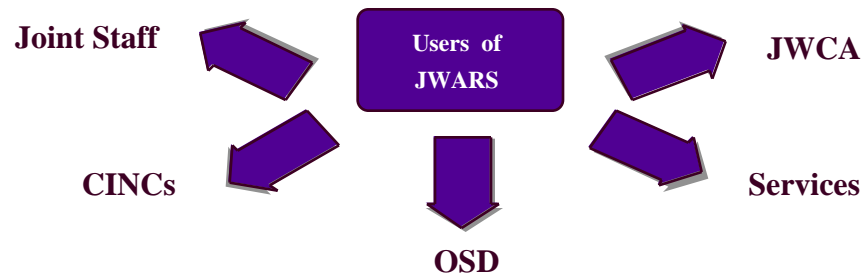
Joint Analytic Model Improvement Program (JAMIP)



Joint Analytic Model Improvement Program Management Structure

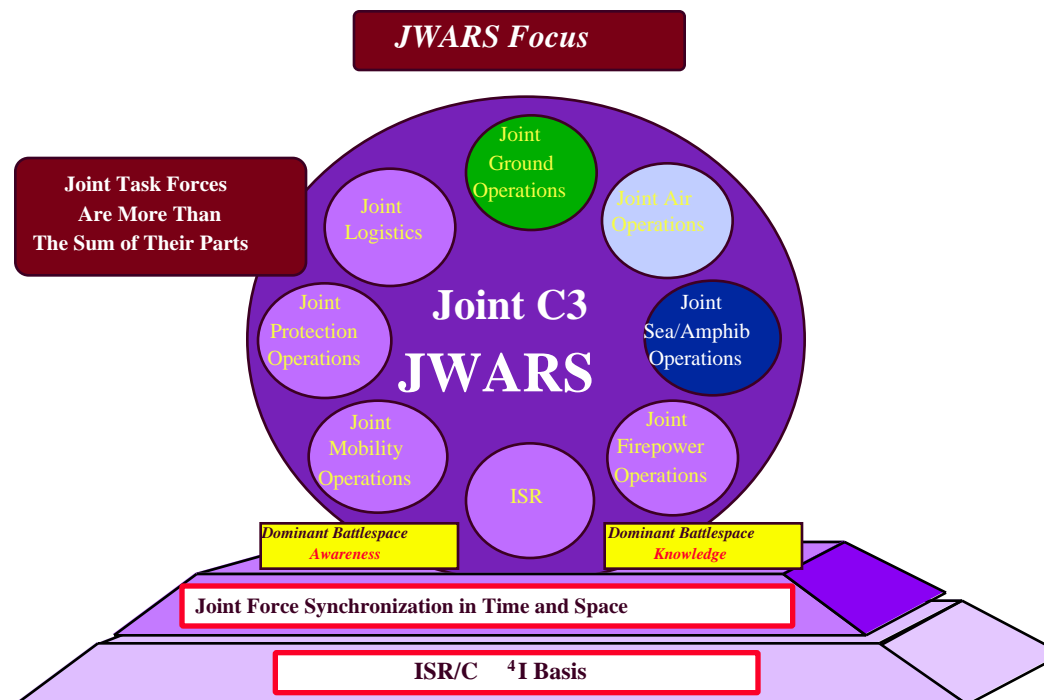


Joint Warfare System (JWARS)

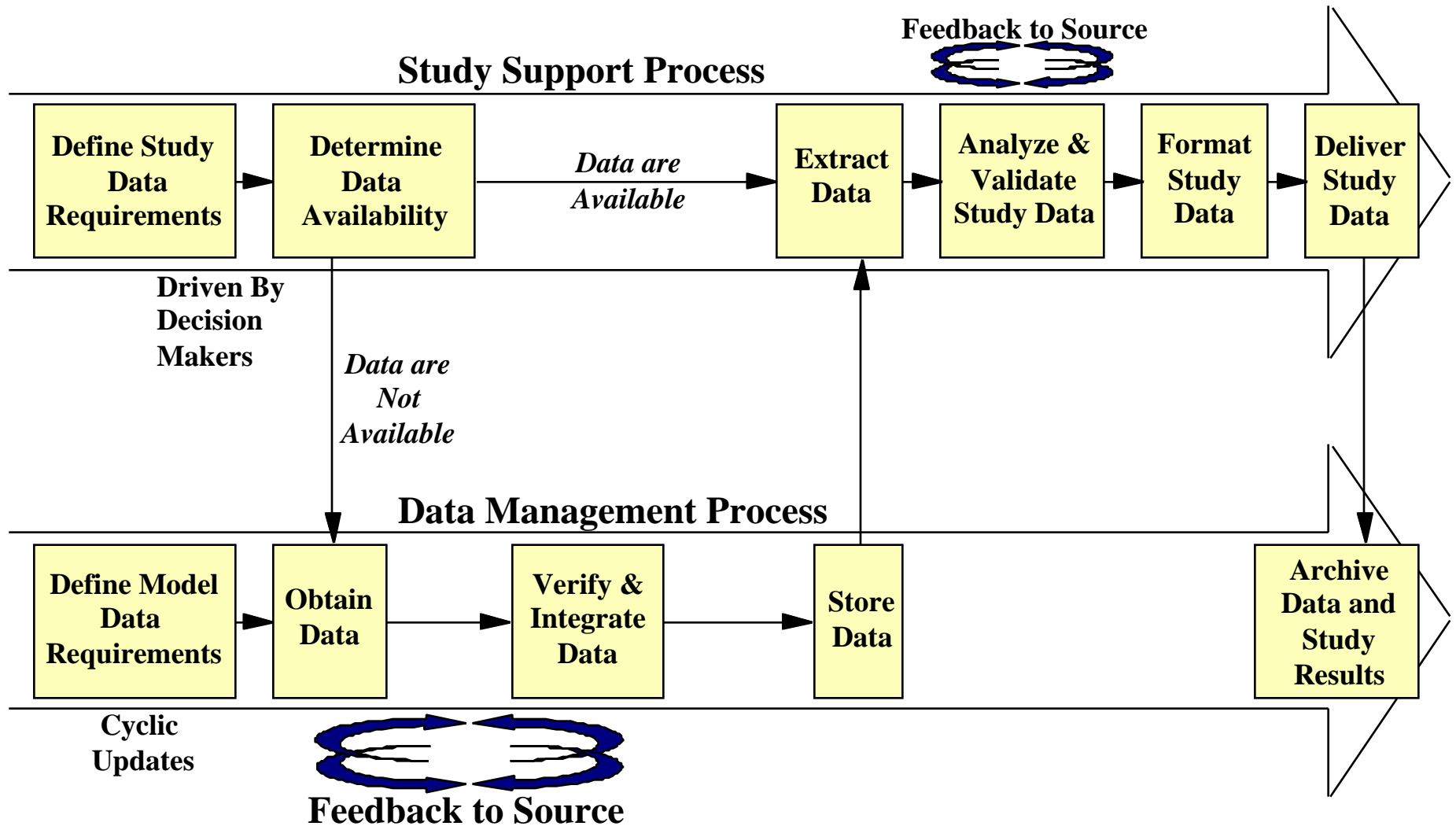


Mission: Develop a fully integrated, state-of-the-art model of joint warfare:

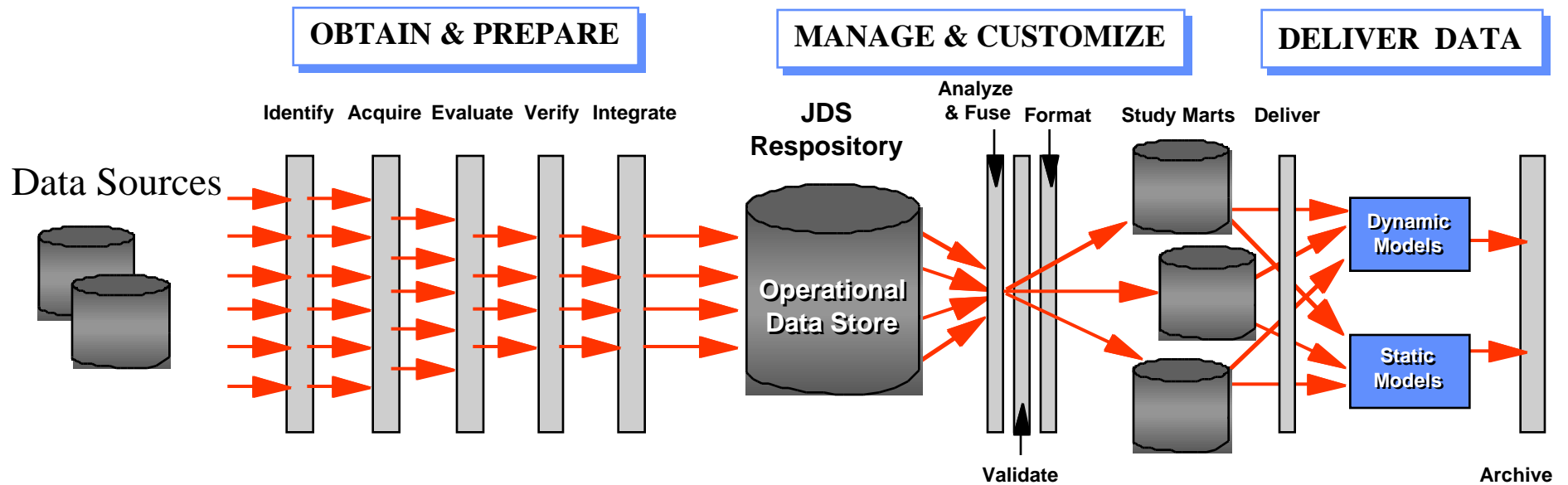
- Represent *uniquely joint* functions and processes, and component operations
- Accommodate joint doctrine and be capable of representing future warfare



Joint Data Support Overview



JDS Warehouse Architecture





Exciting Challenges

Examples of Technical Challenges

- Event and Postion Management and Performance Speed
- Balance between warfighting and C4ISR system
- Building the capability for user to compose systems and organizations for studies
- Establishing perception, or situational awareness, as the basis for model decision making
- Geometric reference systems for round-earth referencing
- Efficient runtime synthetic environment interaction interface
- Heterogeneous data source environoment and data quality

Examples of Interface Challenges

- JSIMS and JWARS technology and information exchange
- Object representation and methodology sharing